

# Eaton PDG12XHMS507

Catalog Number: PDG12XHMS507

Eaton Power Defense molded case circuit breaker accessory handle mechanism, 20-in (507 mm) Handle mechanism shaft, PD1 Global, Frame J-K, 600 V, 507 mm/20 in, Frame 1

Photo is representative



## General specifications

### Product Name

Eaton Power Defense handle mechanism

### Catalog Number

PDG12XHMS507

### Model Code

PDG12XHMS507

### UPC

786679586587

### Product Length/Depth

507 mm

### Product Height

6.35 mm

### Product Width

20 mm

### Product Weight

0.23 kg

### Warranty

Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.

### Compliances

RoHS Compliant

### Certifications

CSA  
IEC 60947-2  
UL 489  
CCC Marked

## Delivery program

### Application

20-in (507 mm) Handle mechanism shaft

### Frame

1

## Other

### Shaft length

507 mm / 20 in

## General information

### Circuit breaker type

PD1 Global

### Frame size

Frame J-K

### Series

Power Defense

## Resources

### Brochures

[Power Defense technical selling booklet](#)

[Power Defense brochure](#)

[Power Defense molded case circuit breaker selection poster](#)

[Power Defense molded case circuit breakers - Frame 1 product aid](#)

### Certification reports

[Power Defense Declaration concerning California's Proposition 65](#)

[EU Declaration of Conformity - Power Defense molded case circuit breakers](#)

### Installation instructions

[Power Defense Frame 1 UL global screw terminal end cap kit 125A 2P - IL012162EN](#)

[Power Defense Frame 1 UL global lock padlockable handle hasp IL012180EN](#)

[Power Defense Frame 1 UL global handle block padlockable off only - IL012179EN](#)

[Power Defense Frame 1 UL global handle block non padlockable - IL012177EN](#)

[Power Defense Frame 2 Handle Mech Variable Depth Rotary Handle Instructions](#)

[Power Defense Frame 1 UL global tunnel terminal \(aluminum\) 125A 2P - IL012166EN H02](#)

[Power Defense Frame 1 UL global box terminal \(steel\) 125A 2P - IL012165EN H02](#)

[Power Defense Frame 1 UL global DIN rail adapter 2, 3, 4-pole - IL012185EN](#)

[Power Defense padlockable handle lock hasp top off only installation instructions - IL012226EN](#)

[Power Defense Frame 1-2-3-4 IP door barrier assembly instructions - IL012278EN](#)

Power Defense Frame 1 IEC and Frame 2 Rotary Mechanism with NFPA Handle Attachment Instructions (IL012260EN).pdf

Power Defense Frame 1 UL Global variable depth rotary handle mech installation instructions - IL012308EN

Power Defense Frame 1 UL global interphase barrier - IL012176EN

Power Defense Frame 1 Instructions - IL012152EN

Power Defense Frame 1 UL global screw terminal end cap kit metric 125A 2P - IL012170EN

Power Defense Frame 1 UL global Padlockable Handle Lock Hasp - IL012225EN

Power Defense Frame 1 UL global handle block padlockable - IL012178EN

Power Defense Frame 1 UL global interphase barrier instructions - IL012313EN

### Installation videos

Power Defense Frame 2 Handle Mech Variable Depth Rotary Handle Animated Instructions.rh

Power Defense Frame 1 UL Global Aux, Alarm, ST and UVR Animated Instructions.rh

### Multimedia

Power Defense Frame 2 Variable Depth Rotary Handle Mechanism Installation How-To Video

Power Defense Frame 5 Trip Unit How-To Video

Power Defense Frame 3 Variable Depth Rotary Handle Mechanism Installation How-To Video

Power Defense Frame 6 Trip Unit How-To Video

Power Defense Breakers

Power Defense molded case circuit breakers

Eaton Power Defense for superior arc flash safety

### Specifications and datasheets

Eaton Specification Sheet - PDG12XHMS507

### Time/current curves

Power Defense time current curve Frame 1 - PDG1

### White papers

Single and double break MCCB performance revisited

Safer by design: arc energy reduction techniques

Molded case and low-voltage breaker health



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